

INTERNATIONAL SEARCH REPORT

International Application No

PCT/DE2005/000579

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F21V33/00 E03C1/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E03C F21V

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 203 17 375 U1 (MODUS HIGH-TECH ELECTRONICS GMBH) 26 February 2004 (2004-02-26) paragraph '0007! paragraph '0009! - paragraph '0010! paragraph '0014! - paragraph '0017! paragraph '0022! - paragraph '0028! figure 1	1-4
A		5-7
P,X	US 2004/258567 A1 (KOKIN DANIEL E ET AL) 23 December 2004 (2004-12-23)	1-4
P,A	paragraph '0007! paragraph '0028! - paragraph '0032! paragraph '0035! - paragraph '0046! paragraph '0049! - paragraph '0050! paragraph '0055! - paragraph '0056! figures 1-4, 8, 12	5-7

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *Z* document member of the same patent family

Date of the actual completion of the international search

28 July 2005

Date of mailing of the international search report

10/08/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Arsac England, S

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/DE2005/000579

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	WO 2004/092626 A (LEE, CHUL JAE; AN, CHI-YUP) 28 October 2004 (2004-10-28) page 9, line 17 - page 14, line 16 figures 1-6	1-7
A	EP 0 446 365 A (INAX CORPORATION) 18 September 1991 (1991-09-18) column 3, line 40 - column 4, line 38 column 4, line 52 - column 5, line 10 column 10, line 8 - line 19 figures 1,4	1-7
A	DE 201 02 857 U1 (BEGLE, ANTON) 31 May 2001 (2001-05-31) page 1 - page 2 page 3, line 26 - page 4, line 16 page 5, line 14 - line 26 figures 1,4	1-7
A	US 2004/032749 A1 (SCHINDLER ROBERT J ET AL) 19 February 2004 (2004-02-19) paragraph '0044! - paragraph '0047! paragraph '0051! - paragraph '0052! figure 2 paragraph '0070! - paragraph '0071!	1-7
A	GB 2 288 974 A (LIN * LI) 8 November 1995 (1995-11-08) page 8, line 12 - line 50 page 4, line 22 - line 23 figure 2	1,2,4,5
A	GB 2 393 389 A (* THE CDA GROUP LIMITED) 31 March 2004 (2004-03-31) figure 3 page 1, line 1 - page 2, line 10 page 3, line 7 - line 17 page 3, line 30 - page 4, line 13 page 5, line 24 - page 6, line 27	1,3-7
A	DE 201 01 460 U1 (JEZEWSKI, LARS) 26 July 2001 (2001-07-26) the whole document	1,3,5-7
A	EP 0 181 896 A (KESSENER, HERMAN PAULUS MARIA; BRULS, GEORGIUS JOSEPHUS CYRILLUS LUDOV) 28 May 1986 (1986-05-28) column 7, line 4 - line 27 figure 9b	1,5

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DE2005/000579

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 20317375	U1	26-02-2004	EP 1531204 A1	18-05-2005
US 2004258567	A1	23-12-2004	NONE	
WO 2004092626	A	28-10-2004	KR 2003013498 A	14-02-2003
			AU 2003304045 A1	04-11-2004
			WO 2004092626 A1	28-10-2004
EP 0446365	A	18-09-1991	EP 0446365 A1	18-09-1991
			WO 9105114 A1	18-04-1991
			JP 2949818 B2	20-09-1999
			JP 3176519 A	31-07-1991
			US 5171429 A	15-12-1992
DE 20102857	U1	31-05-2001	NONE	
US 2004032749	A1	19-02-2004	NONE	
GB 2288974	A	08-11-1995	WO 9529300 A1	02-11-1995
GB 2393389	A	31-03-2004	NONE	
DE 20101460	U1	26-07-2001	NONE	
EP 0181896	A	28-05-1986	NL 8401479 A	02-12-1985
			AT 37440 T	15-10-1988
			DE 3565171 D1	27-10-1988
			WO 8505167 A1	21-11-1985
			EP 0181896 A1	28-05-1986
			JP 61502155 T	25-09-1986
			US 4901922 A	20-02-1990
			US 4749126 A	07-06-1988
			AU 573967 B2	23-06-1988
			AU 5486586 A	25-09-1986
			CA 1273911 A1	11-09-1990